

MODIFICATION OF
AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Clean Water Act as amended, (33 U.S.C. §§1251 et seq.; the "CWA"), and the Massachusetts Clean Waters Act, as amended, (M.G.L. Chap. 21, §§26-53),

Global Petroleum Corporation

is authorized to discharge from the facility located at

**Global Petroleum Corporation
140 Lee Burbank Highway
Revere, Massachusetts 02151**

to receiving water named

Chelsea River/Mystic River Watershed (MA 71)

in accordance with effluent limitations, monitoring requirements and other conditions set forth in the permit issued June 30, 2005, except as listed:

Part I.A.2, Effluent Limitations and Monitoring Requirements for Outfall 002 (page 5)

which has been modified to add ethanol to the list of volatile organic compounds (VOCs) to be monitored on a monthly basis, in accordance with 40 CFR §§122.62.

This permit modification shall become effective 30 days from the date of signature if no comments are received during public notice. If comments are received during public notice, this permit will become effective 60 days after signature.

This permit modification and the authorization to discharge expire at midnight, five (5) years from the effective date of August 31, 2005.

Signed this day of

Linda M. Murphy, Director
Office of Ecosystem Protection
Environmental Protection Agency
Boston, MA

Glenn Haas, Director
Division of Watershed Management
Department of Environmental Protection
Commonwealth of Massachusetts
Boston, MA

Part I.A.2, Continued

Effluent Characteristic	Units	Discharge Limitation		Monitoring Requirements ⁽¹⁾	
		Average Monthly	Maximum Daily	Measurement Frequency	Sample Type
Polynuclear Aromatic Hydrocarbons (PAHs) ⁽⁷⁾					
Benzo(a)anthracene	µg/L	----	Report	Quarterly ⁽²⁾	Grab
Benzo(a)pyrene	µg/L	----	Report	Quarterly ⁽²⁾	Grab
Benzo(b)fluoranthene	µg/L	----	Report	Quarterly ⁽²⁾	Grab
Benzo(k)fluoranthene	µg/L	----	Report	Quarterly ⁽²⁾	Grab
Chrysene	µg/L	----	Report	Quarterly ⁽²⁾	Grab
Dibenzo(a,h)anthracene	µg/L	----	Report	Quarterly ⁽²⁾	Grab
Indeno(1,2,3-cd)pyrene	µg/L	----	Report	Quarterly ⁽²⁾	Grab
Naphthalene	µg/L	----	20	Quarterly ⁽²⁾	Grab
Volatile Organic Compounds (VOCs)					
Benzene	µg/L	----	5	1/Month ⁽²⁾	Grab
Toluene	µg/L	----	Report	1/Month ⁽²⁾	Grab
Ethylbenzene	µg/L	----	Report	1/Month ⁽²⁾	Grab
Total Xylenes ⁽⁸⁾	µg/L	----	Report	1/Month ⁽²⁾	Grab
BTEX	µg/L	----	100	1/Month ⁽²⁾	Grab
Methyl Tertiary-Butyl Ether (MTBE)	µg/L	----	70	1/Month ⁽²⁾	Grab
Ethanol	µg/L	----	Report	1/Month⁽²⁾	Grab
Total Petroleum Hydrocarbons (TPH)	mg/L	----	5	1/Month ⁽²⁾	Grab

See page 6 for explanation of footnotes